NAME OF WORK : Additional Works To Jalahalli Govt School In Ward no 16.

RATE ANALYSIS

Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
6	KSRB 4-1.2 Providing and Laying in position plain cement concrete of **Mix 1:3:6** with OPC Cement @220kgs with 40mm down size graded granite metal coarse aggregate 0.89cum and fine aggregate @ 0.465Cum machine mixed concrete laid in layers not exceeding 15cm thick well compacted in foundation, plinth, including cost of materilas, HOM of machineries, curing complete as per specification.	SR2018-2019 Issue Rate 02.11.2021	Cum	13	4.1.2	5406.16		5406.16	432.49	5838.65	578.03	6416.68
10	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of **design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	SR2018-2019	Cum	14	4.13	5892.00	100.00	5992.00	479.36	6471.36	640.66	7112.02
11	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of **design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars,	SR2018-2019	Cum	14	4.13	5892.00	100.00	5992.00	479.36	6471.36	640.66	7112.02
13	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	SR2018-2019	Sqm	16	4.32	456.00	3.00	459.00	36.72	495.72	49.08	544.80

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Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
14	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	SR2018-2019	Sqm	16	4.32	456.00	3.00	459.00	36.72	495.72	49.08	544.80
15	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	SR2018-2019	Sqm	16	4.32	456.00	3.00	459.00	36.72	495.72	49.08	544.80
20	Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	SR2018-2019	Sqm	16	4.32	456.00	3.00	459.00	36.72	495.72	49.08	544.80
21	KSRB 4-6.3: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for flat surface such as suspended floors,roofs,landings,balconies and likes thickness above 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.16, I.No.4.30 of PWD SR 2018-19)	SR2018-2020	Sqm	16	4.30	440	3.00	443.00	35.44	478.44	47.37	525.81
23	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS (P.No.18, I.No.4.46.2 of PWD SR 2018-19)	SR2018-2019	Tonne	18	4.46.2	87417.00	1496.00	88913.00	7113.04	96026.04	9506.58	105532.62
24	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS (P.No.18, I.No.4.46.2 of PWD SR 2018-19)	SR2018-2019	Tonne	18	4.46.2	87417.00	1496.00	88913.00	7113.04	96026.04	9506.58	105532.62
29	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4	SR2018-2019	Sqm	27	5.27.2	953.00	60.00	1013.00	81.04	1094.04	108.31	1202.35

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Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
30	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4	SR2018-2019	Sqm	27	5.27.2	953.00	60.00	1013.00	81.04	1094.04	108.31	1202.35
33	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregtes @ 0.0391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (Issue rate as on date 21-	SR2018-2019	Sqm	15	4.2.11	496.00	10.00	506.00	40.48	546.48	54.10	600.58
34	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete. (PWD-SR 2018-19, P-53, I-9.11)	SR2018-2019	Cum	53	9.11	87604		87604.00	7008.32	94612.32	9366.62	103978.94
37	KSRB-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon. , Item No. 15.16)	SR2018-2019	Sqm	116	15.6	261	6.00	267.00	21.36	288.36	28.55	316.91
38	KSRB-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon. , Item No. 15.16)	SR2018-2019	Sqm	116	15-3.8	261	12.00	273.00	21.84	294.84	29.19	324.03
40	KSRB 15.3.13 Providing 12mm thick cement plastering in a single coat with cement mortar 1:3 to ceiling including rouding of corner wherever required smooth rendering, providing and removing scaffolding, including cost of materials, Labour, Curing complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.21)	SR2018-2019	Sqm	115	15.10	204	6.00	210.00	16.80	226.80	22.45	249.25

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Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
41	KSRB 15.3.13 Providing 12mm thick cement plastering in a single coat with cement mortar 1:3 to ceiling including rouding of corner wherever required smooth rendering, providing and removing scaffolding, including cost of materials, Labour, Curing complete as per specification (Issue rate as on date 21-10-19, Item No. 15.21)	SR2018-2019	Sqm	115	15.10	204	12.00	216.00	17.28	233.28	23.09	256.37
42	KSRB-15.3.8 Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon (Issue rate as on date 21-10-19, Item No.	SR2018-2019	Sqm	116	15.19	271		271.00	21.68	292.68	28.98	321.66
43	KSRB-15.3.8 Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon (Issue rate as on date 21-10-19, Item No.	SR2018-2019	Sqm	116	15.19	271	6.00	277.00	22.16	299.16	29.62	328.78
44	KSRB-15.3.8 Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specificatioon (Issue rate as on date 21-10-19, Item No.	SR2018-2019	Sqm	116	15.19	271	12.00	283.00	22.64	305.64	30.26	335.90
50	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Colour glazed tiles 15x15 cms 6mm thick	SR2018-2019 Issue Rate 02.11.2021	Sqm	108	14.41	1271		1271.00	101.68	1372.68	135.90	1508.58
51	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Colour glazed tiles 15x15 cms 6mm thick	SR2018-2019 Issue Rate 02.11.2021	Sqm	108	14.41	1271	2.00	1273.00	101.84	1374.84	136.11	1510.95
53	KSRB 9-27.1 Fixing Door frame in an existing opening including embedding frame in floor and walls after cutting masonry for hold fasts for embedding hold fast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coat tar to sides of frame, making good the damages to wall and floor as required and disposal of	SR2018-2019	Sqm	60	9-27.1	1366.00	8.00	1374.00	109.92	1483.92	146.91	1630.83

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Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
54	Providing and fixing 65mmx125mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM) U.V.Stabilized Isopthalic Gel coat and Isopthalic resin. The Thickness of the GRP Skin shall not be less than 2.0mm. The Door frame consists of four segments, which are provided with plug-in-socket arrangement in situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster of Paris with fibre reinforcement. Six numbers of 260x25x5mm size S Shaped M.S.Flat hold fast. Hold fast shall be provided with the frame. (PWD SR -2016-17, P-65/I-9.96)	SR2018-2019	Sqm	63	9.96	550.00		550.00	44.00	594.00	58.81	652.81
55	P/F Factory made single leaf rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized isopthalic Gel coat and on layer of 45gsm E-Glass Chopped strand Mat (CSM) impregnated with orthopthalick polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Sal wood block of cross section not less than 28mm x 32mm and also necessary sal wood reinforcement for fixing the metal fittings such as tower bolts, aldrops, handles, etc., shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the sal wood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RV/TIFAC Composites Design centre Standards and specifications and the door shutters tested in confirmation to IS 4020-1994. The finish of shutter will be plain colour White/Ivory/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. (PWD SR -2016-17, I-9.93)	SR2018-2019	Sqm	62	9.93	3000.00		3000.00	240.00	3240.00	320.76	3560.76
56	KSRB 15-17.4: Applying **priming coat over new wood surface** and /or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt	SR2018-2019	Sqm	121	15.58	50.00		50.00	4.00	54.00	5.35	59.35
57	KSRB 15-17.6: Providing and applying **painting two coats** (excluding priming coat on new wood surface and /or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust	SR2018-2019	Sqm	121	15.60.1	97.00		97.00	7.76	104.76	10.37	115.13

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Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
58	KSRB 7.9: Providing and fixing M.S Grill work for windows and ventilators weighing 21kg/sqm using M.S.Flats, or M.S.Squared rods, or combination of M.S.Flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of all materials, fixtures, labour and HOM of machinery complete as per specifications (I-	SR2018-2019	KG	34	7.90	95.00	12.00	107.00	8.56	115.56	11.44	127.00
60	KSRB 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no.117. item no.15.33 S.R 2018-19)	SR2018-2019	Sqm	117	15.33	32.00	12.00	44.00	3.52	47.52	4.70	52.22
61	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	SR2018-2019	Sqm	119	15-14.1	110.00	4.00	114.00	9.12	123.12	12.19	135.31
63	Providing and fixing **M.S. Hand railing for Balcony** with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.	SR2018-2019	Sqm	44	7.35	2840.00	6.00	2846.00	227.68	3073.68	304.29	3377.97
79	Providing and fixing white vitreous china clay, angle back wash basin size 600X480mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	SR2018-2019	Unit	83	12.28	3288.00		3288.00	263.04	3551.04	351.55	3902.59
80	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	SR2018-2019	Each	93	13.23	190.00		190.00	15.20	205.20	20.31	225.51

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No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
86	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	SR2018-2019	Each	93	13.26	141.00		141.00	11.28	152.28	15.08	167.36
89	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges,	SR2018-2019	Mtr	96	13.73.5	595.00		595.00	47.60	642.60	63.62	706.22
90	Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm	SR2018-2019	Nos	75	11.50.2	8490.00		8490.00	679.20	9169.20	907.75	10076.95
100	Supplying And Fixing Metal Fan Box with Round Hook.	SR 2019-20	Mtr	3	1.12	85.00		85.00		85.00	8.42	93.42
102	Medium point 3 Mtr to 6 Mtrfrom tapping point to out let via switch	SR 2019-20	Point	5	2.2.2	250.00		250.00		250.00	24.75	274.75
103	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A - Two outlet in a row, above 6Mtr upto 10Mtr from tapping point to out let via switches ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No.2.3.4 P 5)	SR 2019-20	Point	5	2.2.3	375.00		375.00		375.00	37.13	412.13

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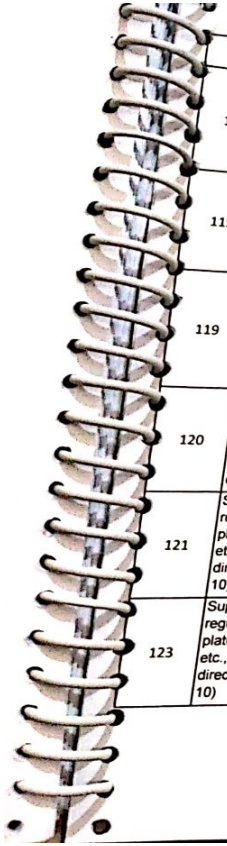

Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
114	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall - 8Way --- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No. 3.4.4 P 9)	SR 2019-20	Nos	9	3.4.4	145.00		145.00		145.00	14.36	159.36
115	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall - 10-12Way ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No. 3.4.5 Page 9)	SR 2019-20	Nos	9	3.4.5	165.00		165.00		165.00	16.34	181.34
119	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. - 8 Module ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No.3.5.4 P 9)	SR 2019-20	Nos	9	3.5.4	200.00		200.00		200.00	19.80	219.80
120	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. - 10-12 Module ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No.3.5.5 P 9)	SR 2019-20	Nos	9	3.5.5	230.00		230.00		230.00	22.77	252.77
121	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A - 6Amps one way. ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No. 3.6.1 Page 10)	SR 2019-20	Nos	10	3.6.1	70.00		70.00		70.00	6.93	76.93
123	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A - 6Amps 3way socket. ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No. 3.6.3 Page 10)	SR 2019-20	Nos	10	3.6.3	105.00		105.00		105.00	10.40	115.40

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Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
124	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A - Stepped Fan Regulator. --- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No. 3.6.4 Page 10)	SR 2019-20	Nos	10	3.6.4	290.00		290.00		290.00	28.71	318.71
132	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III - Double Door - 6Way TP &N ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No. 5.18.10 Page 28)	SR 2019-20	Nos	28	5.18.10	7000.00		7000.00		7000.00	693.00	7693.00
133	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. - 5-32Amps SP ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No.5.17.1 Page 27)	SR 2019-20	Nos	27	5.17.1	434.00		434.00		434.00	42.97	476.97
136	50-63 Amps TPN	SR 2019-20	Nos	27	5.17.9	2397.00		2397.00		2397.00	237.30	2634.30
152	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. - 14SWG ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work. (Item No.5.42.1 Page 30)	SR 2019-20	Sqcm	30	5.42.1	0.40		0.40		0.40	0.04	0.44
158	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. - 4 core 25 sqmm ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work.(Item No.6.4.5 Page 40)	SR 2019-20	Mtr	40	6.4.5	180.00		180.00		180.00	17.82	197.82

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No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
159	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. - 25 sqmm to 95 sqmm ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work (Item No 6 5.2 Page 41)	SR 2019-20	Mtr	41	6.5.2	15.50		15.50		15.50	1.53	17.03
161	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) - In soil (hard) ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work.(Item No 6 6.2 Page 41)	SR 2019-20	Mtr	41	6.6.2	102.00		102.00		102.00	10.10	112.10
174	Fixing all types and all capacities of fluorescent /False ceiling/spot light /CFL/LED fittings indoor on the wall/ ceiling/rafters/girders using 23/0.0076' twin twisted PVC insulated wires, required Nos of round blocks and clamps. (114/17.7)c) Using 1 Mtr long 19mm 18 SWG enameled brazed conduit of two nos rod pendent with ball socket with check nuts all nickel plated ---- Including cost of all materials, with all lead, lift and labour charges etc., complete as directed by the Engineer-in-charge of the work.(Item No.14.7.1 Page 79)	SR 2019-20	Nos	79	14.7.1	110.00		110.00		110.00	10.89	120.89
175	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22	SR2018-2019	Nos	96	13.78	6828.00		6828.00	546.24	7374.24	730.05	8104.29

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NAME OF WORK : Additional Works To Jalahalli Govt School in Ward no 16.

EIRL RATE ANALYSIS

Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 9.90 %	Grand Total
EIRL 1	KSRB 6.32 : Providing and constructing non load bearing Wall with Light Weight Concrete (Autoclaved aerated concrete) Blocks Confirming to IS:2185 (part) 1984 and IS 6441-1972 of compressive Strength of 3.0N/sq mm with a thin layer of polymer based jiontig solvent for super	SR2018-2019	Sqm	31	6.32.2	1504	60	1564.00	125.12	1689.12	167.22	1856.34
EIRL 2	KSRB 5-14 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S : 2185/1965 in	SR2018-2019	Mtr	27	5.28	811.00	60	871.00	69.68	940.68	93.13	1033.81
EIRL 3	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing	SR2018-2019	Sqm	116	15.19	271	18	289	23.12	312.12	30.8999	343.02
EIRL 4	KSRB15-4.5 Extra for providing and mixing waterproofing compound in cement plaster for stone masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:4, 20mm thick cost of materials complete as per specifications.	SR2018-2019	Sqm	116	15.27	9	12	21	1.68	22.68	2.24532	24.93
EIRL 5	KSRB15-6 : Providing floating coat of cement to plastering and finishing smooth, including cost of materials, labour, curing complete as per specifications.	SR2018-2019	Sqm	116	15.32	19	12	31	2.48	33.48	3.31452	36.79
EIRL 6	KSRB 15.9 Providing and fixing Corner beads 45x45mm size manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls,columns,lintels including cost of materials, labour for fixing complete as	SR2018-2019	Mtr	117	15.37	28.00	12.00	40.00	3.20	43.20	4.28	47.48
EIRL 7	KSRB 15.8.2 Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of	SR2018-2019	Mtr	117	15.8.2	31.00	12.00	43.00	3.44	46.44	4.60	51.04

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EIRL 8	Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot	SR2018-2019	Sqm	65	15.35	2793		2793	223.44	3016.44	298.63	3315.07
EIRL 9	uPvC Windows and Doors - Providing & fixing of glazed 2 Track-2 Panel Sliding Windows made out of multi Chamered uPVC sections with TPV gaskets having Isolated drainage and reinforced witgh Galvanized iron profiles through out the window. The outer frame having a	SR2018-2019	Sqm	308	38.44.1	3026		3026	242.08	3268.08	323.54	3591.62
EIRL 10	uPvC Windows and Doors - Providing & of Fixed Louvered Ventilator made out of multi chambered uPVC sections with TPv gaskets having isolated drainage and reinforced with Galvanized Iron profiles through out the windown. The outer frame having a overall size of	SR2018-2019	Sqm	308	38.44.2	3632		3632	290.56	3922.56	388.333	4310.89
EIRL 11	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete.(7.2.1/46)	SR2019-2020	Nos	46	7.2.1	2100		2100.00	168.00	2268.00	224.53	2492.53
EIRL 12	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame if	SR2019-2020	Nos	80	14.11	650		650.00	52.00	702.00	69.50	771.50
EIRL 13	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. - 50Sqmm ---- etc., complete with all lead & lift, as per specifications and as	SR2019-2020	Nos	40	6.4.5	180		180.00	14.40	194.40	19.25	213.65
EIRL 14	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. - 32-40 Amps 4 pole ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work.(Item No.5.20.3 Page 28)	SR2019-2020	Nos	28	5.20.3	2800		2800.00	224.00	3024.00	299.38	3323.38
EIRL 15	Supplying, fixing and wiring Residual current Circuit Breaker [RCCB] 240/450V up to 300mA sensitivity on existing wood/panel board.63A 4 pole (5.19.10)	SR2019-2020	Nos	28	5.19.10	4800		4800.00	384.00	5184.00	513.22	5697.22

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ERL 16	Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic. - 1x4'-28 Watts ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work.(Item No.12.3.2 Page 64)	SR2019-2020	Nos	64	12.3.2	375		375.00	30.00	405.00	40.10	445.10
ERL 17	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamps. ---- etc., complete with all lead & lift, as per specifications and as per directions of the Engineer in charge of the work.(Item No.4.2.1 Page 20)	SR2014-2015	Nos	20	4.2.1	85		85.00	6.80	91.80	9.09	100.89
ERL 18	KSRB 15-16.1 : Providing and finishing external walls in two coats Over one coof 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	SR2018-2019	Sqm	127	15.104	180		180	14.40	194.40	19.2456	213.65

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